CLASSIFICATION

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

REPORT

COUNTRY

Hungary

DATE OF

SUBJECT

Economic - Industry

INFORMATION 1951

HOW

PUBLISHED

Daily newspapers

DATE DIST. 27 Jun 1951

WHERE

PUBLISHED

Budapest

NO. OF PAGES 2

DATE

**PUBLISHED** 

25 Apr - 10 May 1951

SUPPLEMENT TO

LANGUAGE

Hungarian

REPORT NO.

THIS DOCUMENT COSTAINS INFORMATION AFFECTING THE MATIONAL DEFFERSE OF THE UNITED STATES WITHIN THE MEANING OF EMPORANCE ACT SO U.S. C., 31 AND 31, AS AREDBODE. ITS TRANSMISSION OF THE REVIENTATION OF ITS CONTRETED IN ANY MEANING TO AN UNAUTHORIZED PRINCIPLE OF MINITED BY LAW. REPRODUCTION OF THIS PORE IS PROMINITED.

THIS IS UNEVALUATED INFORMATION

SOURCE

Newspapers as indicated.

## LIST NEW MATERIALS FOR INDUSTRIAL USE

DEVELOP NEW MATERIALS IN CONSTRUCTION INDUSTRY -- Budapest, Kis Ujsag, 10 May 51

The Hungarian Institute of Architectural Sciences has been conducting research on new materials which could eliminate the need for imports.

The materials developed include tuff solidified under pressure, cement-containing and cementless gas concrete, foam concrete, and roof-lining elements manufactured from tuff concrete.

Continuous floor linings for radiant heating are widely used in the construction industry. This lining was formerly manufactured from magnesium cement, which had to be imported. Scientists now utilize dolomite, which can be found in various parts of the country. They have found that dolomite cement is as good as magnesium cement and can be used instead of it in every case.

A new insulating material to replace cork and rock wool has been prepared from corn stalks by the institute. The new material is light, and its insulating capacity is 50 percent greater than that of rock wool.

The so-called concrete planticizer is an important new material. Its purpose is to facilitate the preparation of concrete with a small quantity of water, since the less water is used, the greater the strength of the concrete. The material is prepared from "szulfid szenlug" [xanthate]].

Mirium is used to prevent oxidation. Up to now, imported lead has been used to prepare minium. It has now been found that minium can be replaced by a rust-resistant paint prepared from roasted pyrite. This is a valuable invention, because roasted pyrite is a by-product in the manufacture of sulfuric acid and has never been utilized before.

A new protective coating has been developed which protects aluminum against oxidation, thereby extending the uses of aluminum.

## CONFIDENTIAL

. 1 .

CLASSIFICATION			CONFIDENTIAL	
STATE X HAVY	X	NSRB	DISTRIBUTION	
.\RMY X AIR	$\bot X$	FBI		

Sanitized Copy Approved for Release 2011/08/25: CIA-RDP80-00809A000600400106-9

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

In working with concrete, the binding accelerating agent is an important material. Up to now, this agent could not be used in reinforced concrete because it oxidized the iron. A new material has been developed which does not affect the iron. The invention has great significance in prefabrication and in prestressing, because the units can be removed from their forms sooner.

The construction industry needs many galvanized iron pipes. These pipes have previously been manufactured from imported materials. New synthetic polyvinyl-chloride pipes have now been produced which except for a small quantity of binder, are made of domestic materials.

PLAN METAL-COLLECTION WEEK -- Budapest, Vilagossag, 7 May 51

The Hungarian Economic Council has decided to hold a metal-collection week from 15-20 May, on the proposal of the Association of Working Youth (DISZ).

The collection is to be organized in every plant, city, and village. The collecting enterprises will pay for the nonferrous metals, iron, and other scrap collected. The collecting enterprises must remove the collected scrap within 2 weeks. In the plants, the collection will be organized by the director of the enterprise.

The collection is to be broken down among plants and shops, and the head of every shop will be held responsible for fulfilling the plan. In the cities, the councils, superintendents of apartment houses, and delegates in every building will direct the collection.

Metal-collection week is not meant to be an isolated instance of metal collection, but a step toward a systematic and permanent metal-collection drive.

INCREASE PRODUCTION OF IRON AND STEEL -- Budapest, Vilagossag, 27 Apr 51

Iron and steel production in Hungary rose by 18.2 percent during the first quarter of 1951, as compared to the corresponding quarter of 1950.

DEVELOP TWO NEW TANNING MATERIALS - Budapest, Vilagossag, 25 Apr 51

Dr Istvan Feher, Kossuth-Prize-winning engineer, head of the research laboratory of the Leather, Shoe, and Fur Center and two of his colleagues have developed two new synthetic tanning materials. The new materials will contribute to the reduction of imports.

~ END .

. 2 .

CONFIDENTIAL

CONFIDENTIAL